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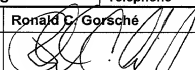
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. <b>McD121</b>	
		First Inventor <b>William J. Mitchem</b>	
		Title <b>MULTI-RATE SHARED MEMORY ARCHITECTURE FOR FRAME STORAGE AND SWITCHING</b>	
		Express Mail Label No. <b>EL841974825US</b>	

<b>APPLICATION ELEMENTS</b>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original and a duplicate for fee processing) 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 3. <input checked="" type="checkbox"/> Specification 35 total (preferred Arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) 14 total sheets 5. <input checked="" type="checkbox"/> Oath or Declaration 3 total sheets a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d)) i. <input type="checkbox"/> <del>DELETION OF INVENTOR(S)</del> Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).		6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76) 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
		<b>ACCOMPANYING APPLICATION PARTS</b> 9. <input checked="" type="checkbox"/> Assignment Papers (coversheet/document(s)) 10. <input type="checkbox"/> 37 CFR. 3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney 11. <input type="checkbox"/> English Translation Document 12. <input type="checkbox"/> IDS & Form 1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) 16. <input type="checkbox"/> Request & Certification under 35 USC 122(b)(2)(B)(i) 17. <input checked="" type="checkbox"/> Other: Certificate of Filing	
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: ____/_____ Prior application information: Examiner: _____ Group/Art Unit: _____			
FOR CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a portion of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>19. CORRESPONDENCE ADDRESS</b> <input type="checkbox"/> Customer Number or Bar Code Label 50-1123 or <input checked="" type="checkbox"/> Correspondence address below			
Name <b>Ronald C. Gorsché</b>			
Address <b>Hogan &amp; Hartson, LLP</b>			
Address <b>1200 17<sup>th</sup> Street</b>			
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City <b>Denver</b>	State <b>CO</b>	ZIP <b>80202</b>	
Country <b>US</b>	Telephone <b>(720) 406-5346</b>	Fax <b>(720) 406-5301</b>	
Name (Print/Type) <b>Ronald C. Gorsché</b>		Registration No. <b>45,505</b>	
(Signature) 		Date <b>8/17/01</b>	

# FEE TRANSMITTAL for FY 2001

TOTAL AMOUNT OF PAYMENT (\$) (\$ 1,386.00

## Complete if Known

Application Number	Not Yet Accorded
Filing Date	Herewith
First Named Inventor	William J. Mitchem
Examiner Name	Not Yet Accorded
Group / Art Unit	Not Yet Accorded
Attorney Docket No.	McD121

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **50-1123**

Deposit Account Name **Hogan & Hartson L.L.P.**

☒ Charge Any Additional Fee Required Under 37 CFR § 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

## Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
710	355	Utility Filing Fee	710
320	160	Design filing fee	
490	245	Plant filing fee	
710	355	Reissue filing fee	
150	75	Provisional filing fee	

SUBTOTAL (1) (\$ 710.00

### 2. EXTRA CLAIM FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Extra Claims	Fee from below	Fee Paid
42	22	-20**	X 18	= 396.00
6	3	-3**	X 80	= 240.00
				= 0

\*\*or number previously paid, if greater, For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 636.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for ex parte reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SIR after Examiner action	
110	55	Extension for reply within first month	
390	195	Extension for reply within second month	
890	445	Extension for reply within third month	
1,390	695	Extension for reply within fourth month	
1,690	845	Extension for reply within fifth month	
310	155	Notice of Appeal	
310	155	Filing a brief in support of an appeal	
270	135	Request for oral hearing	
1,510	1,510	Petition to institute a public use proceeding	
110	55	Petition to revive - unavoidable	
1,240	620	Petition to revive - unintentional	
1,240	620	Utility issue fee (or reissue)	
440	220	Design issue fee	
600	300	Plant issue fee	
130	130	Petitions to the Commissioner	
50	50	Processing fee under 37 CFR 1.17(g)	
180	180	Submission of Information Disclosure Stmt	
40	40	Recording each patent assignment per property (times number of properties)	40 00
710	355	Filing a submission after final rejection (37 CFR § 1.128(a))	
710	355	For each additional invention to be examined (37 CFR § 1.128(b))	
710	355	Request for Continued Examination	
900	500	Request for expedited examination of a design application	
Other fee (specify)			

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

## SUBMITTED BY (Print/Type)

Name (Print/Type) **Ronald C. Gorsche**

Signature 

Registration No. (Attorney/Agent)

**45,505**

Telephone **(720) 406-5346**

Date **8/17/01**

PATENT  
EXPRESS MAIL NO. EL841974825US  
Attorney Docket No. McD121  
Client/Matter No. 83629.0040

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

William J. Mitchem

Serial No: Not Yet Accorded

Filed: Herewith

For: MULTI-RATE SHARED MEMORY  
ARCHITECTURE FOR FRAME  
STORAGE AND SWITCHING

Group Art Unit: Not Yet Accorded

Examiner: Not Yet Accorded

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PATENT APPLICATION  
Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

Utility Patent Application Transmittal;  
Utility Patent Application;  
14 Sheets of Drawings;  
Declaration of William J. Mitchem;  
Assignment;  
Fee Transmittal Form (in duplicate);  
Check in the amount of \$1,386.00;  
Recordation Form Cover Sheet and  
Return Postcard

relating to the above application, were deposited as "Express Mail", Mailing Label  
No. EL841974825US, with the United States Postal Service, addressed to Box PATENT  
APPLICATION, The Assistant Commissioner for Patents, Washington, D.C. 20231.

Date

8/17/01

Date

8/17/01

Matter

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